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PTO/SB/17i (04-85)

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**Under 37 CFR 1.17(i)**  
**TRANSMITTAL**  
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P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/618172
Filing Date	07/10/2003
First Named Inventor	Zhang et al
Art Unit	2874
Examiner Name	J.T. Rahil
Attorney Docket Number	10003867-3

Enclosed is a paper filed under 37 CFR 1.17(I) that requires a processing fee (37 CFR 1.17(i)).  
Payment of \$ 100.00 is enclosed.

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Except for § 1.221 papers (Fee Code 1803)

**Certificate**  
**APR 27 2006**  
**of Correction**

For papers filed under:

- § 1.28(c)(3) - for processing a non-itemized fee deficiency based on an error in small entity status.
- § 1.41 - for supplying the name or names of the inventor or inventors after the filing date without an oath or declaration as prescribed by § 1.63, except in provisional applications.
- § 1.48 - for correcting inventorship, except in provisional applications.
- § 1.52(d) - for processing a nonprovisional application filed with a specification in a language other than English.
- § 1.53(b)(3) - to convert a provisional application filed under § 1.53(c) into a nonprovisional application under § 1.53(b).
- § 1.55 - for entry of late priority papers.
- § 1.71(g)(2) - to enter an amendment to the specification for purposes of 35 U.S.C. 103(c)(2) if not filed within the cited time periods
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- § 1.103(b) - for requesting limited suspension of action, continued prosecution application (§ 1.53(d)).
- § 1.103(c) - for requesting limited suspension of action, request for continued examination (§ 1.114).
- § 1.103(d) - for requesting deferred examination of an application.
- § 1.217 - for processing a redacted copy of a paper submitted in the file of an application in which a redacted copy was submitted for the patent application publication.
- § 1.221 - for requesting voluntary publication or republication of an application. **Fee Code 1803**
- § 1.291(c)(5) - for processing a second or subsequent protest by the same real party in interest.
- § 1.497(d) - for filing an oath or declaration pursuant to 35 U.S.C. 371(c)(4), naming an inventive entity different from the inventive entity set forth in the international stage.
- § 3.81 - for a patent to issue to assignee, assignment submitted after payment of the issue fee.

David W. Collins

Signature

April 20, 2006  
Date

David W. Collins

Typed or printed name

26857  
Registration No., if applicable

This collection of information is required by 37 CFR 1.17. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

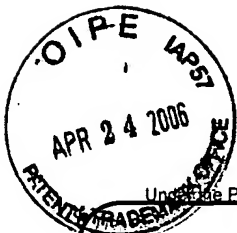
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PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

**2**

Application Number

10/618172

Filing Date

**07/10/2003**

First Named Inventor

Zhang et al

Art Unit

2874

Examiner Name

J.T. Rahl

Attorney Docket Number

PD10003867-3

**ENCLOSURES**

(Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):

Remarks

Certificate of Correction

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Hewlett Packard Development

Signature

*David W. Collins*

Printed name

David W. Collins

Date

April 12, 2006

Reg. No.

26857

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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*L.D. Raphael*

Typed or printed name

L.D. Raphael

Date

April **20**, 2006

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,888,978  
APPLICATION NO: 10/618172  
ISSUE DATE : 7/10/2003  
INVENTOR(S) : Zhang, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1. A bi-stable molecular [[molecular]] system having one rotor portion connected between two stator portions, wherein said rotor portion rotates with respect to said stator portions between at least two different states upon application of said electric field, thereby inducing a band gap change in said molecular system, wherein in a first optical state, there is substantial extended conjugation throughout said molecular system, resulting in a relatively smaller band gap, thereby forming a "red-shifted state", and wherein in a second optical state, said extended conjugation is changed, resulting in a relatively larger band gap, thereby forming a "blue-shifted state".

### MAILING ADDRESS OF SENDER:

Hewlett-Packard Company  
Financial Administrator  
P.O. Box 10301  
Palo Alto, CA 94303-0890

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